

## ECHONET Consortium activity report (FY2024 1Q)

| Category            | Activities   |
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| Topics              | <ol style="list-style-type: none"> <li>1. 11th Regular General Meeting<br/>The 11th regular general meeting was held on June 24th, 2024. The FY2023 activity report, the FY2024 business plan and the revenues &amp; expenditures budget plan were reported, and the financial statements for FY2023, appointments of 3 board members, appointment of 1 auditor and revision of Regulations on Membership Dues were approved and passed.</li> <li>2. Change of Representative Director<br/>With the expiration of his term, the representative director of the ECHONET Consortium has been replaced by Katsuhiko Hiramatsu (Panasonic Corporation). We would also like to inform you that the managing director has been replaced by Kenji Shiraishi (ECHONET Consortium secretariat).</li> <li>3. ECHONET Lite devices Shipment Quantity Survey Report<br/>We compiled the number of units shipped for FY2023 reported by our member companies and reported on our website that the cumulative number of units shipped by the end of FY2023 would reach approximately 150 million units.</li> <li>4. ECHONET Lite Web API Certification WG was established<br/>We aim to establish a certification structure and authentication system so that ECHONET Lite Web APIs can be smoothly adopted in the market.</li> <li>5. ECHONET Lite standards / System Design Guidelines<br/>English version of "between low-voltage smart electric energy meters and controllers Ver.1.10", "between high-voltage smart electric energy meters and EMS controllers Ver.1.01" and "between bidirectional high-voltage smart electric energy meters and controllers Ver.1.00" were release to the public. (May 2024)</li> <li>6. Detailed Requirements for ECHONET Device objects <ul style="list-style-type: none"> <li>• "Detailed Requirements for ECHONET Device objects Release R rev.2" that added property values to the "Electric Vehicle Charger Class." was released to the public. (April 2024)</li> <li>• English version of "Detailed Requirements for ECHONET Device objects Release R" was released to the public. (April 2024)</li> <li>• English version of "Detailed Requirements for ECHONET Device objects Release R rev.1" was released to the public. (May 2024)</li> <li>• English version of "Detailed Requirements for ECHONET Device objects Release R rev.21" was released to the public. (June 2024)</li> </ul> </li> <li>7. Test tool<br/>"AIF Certification Test Tool for other devices Ver.2.1.0" which includes updated test procedures and scenarios for residential solar power generation and storage batteries, has been released exclusively to members. (June 2024)</li> <li>8. Matter ECHONET Lite Bridge Application Examples<br/>We have released to the public "Matter ECHONET Lite Bridge Application Examples 1st Edition," which outlines the interoperability between Matter devices and ECHONET Lite devices. (June 2024)</li> <li>9. CHAdeMO-ECHONET Lite Cooperation Guidelines<br/>We have released to the public "CHAdeMO-ECHONET Lite Cooperation Guidelines Ver.1.10" which describes the conversion and standardization guidelines for automotive battery-related properties between CHAdeMO and ECHONET Lite. (June 2024)</li> </ol> |
| Steering Committee  | <ol style="list-style-type: none"> <li>1. 11th Regular General Meeting<br/>The 11th regular general meeting was held on June 24th, 2024. The FY2023 activity report, the FY2024 business plan and the revenues &amp; expenditures budget plan were reported, and the financial statements for FY2023, appointments of 3 board members, appointment of 1 auditor and revision of Regulations on Membership Dues were approved and passed.</li> <li>2. Change of Representative Director<br/>With the expiration of his term, the representative director of the ECHONET Consortium has been replaced by Katsuhiko Hiramatsu (Panasonic Corporation). We would also like to inform you that the managing director has been replaced by Kenji Shiraishi (ECHONET Consortium secretariat).</li> <li>3. ECHONET Lite Web API Certification WG was established<br/>We aim to establish a certification structure and authentication system so that ECHONET Lite Web APIs can be smoothly adopted in the market.</li> <li>4. Member of International Standardization Working Group received "Standardization Contribution Award" from Mr. Takebe (TUV Rheinland Japan Ltd.) who is a member of International Standardization Working Group received "Standardization Contribution Award" from Information Processing Society of Japan, Information Standards Research Committee for his contribution to "Interface Specifications for Application Layer Communication between home air conditioners and HEMS controllers" and "Interface Specifications for Application Layer Communication between storage batteries and HEMS controllers."</li> </ol>   |
| Technical Committee | <ol style="list-style-type: none"> <li>1. ECHONET Lite standards / System Design Guidelines<br/>English version of "between low-voltage smart electric energy meters and controllers Ver.1.10", "between high-voltage smart electric energy meters and EMS controllers Ver.1.01" and "between bidirectional high-voltage smart electric energy meters and controllers Ver.1.00" were release to the public. (May 2024)</li> <li>2. Detailed Requirements for ECHONET Device objects <ul style="list-style-type: none"> <li>• "Detailed Requirements for ECHONET Device objects Release R rev.2" that added property values to the "Electric Vehicle Charger Class." was released to the public. (April 2024)</li> <li>• English version of "Detailed Requirements for ECHONET Device objects Release R" was released to the public. (April 2024)</li> <li>• English version of "Detailed Requirements for ECHONET Device objects Release R rev.1" was released to the</li> </ul> </li> </ol>   |

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|                     | <ul style="list-style-type: none"> <li>public. (May 2024)</li> <li>• English version of "Detailed Requirements for ECHONET Device objects Release R rev21" was released to the public. (June 2024)</li> </ul> <ol style="list-style-type: none"> <li>3. Interface Specifications for Application Layer Communication<br/>The member reviews of AIF specifications between electric vehicle charger/discharger/electric vehicle charger and HEMS controllers Ver.1.41 Draft and certification test specifications corresponding to this specification were started. (June 2024)</li> <li>4. Test tool<br/>"AIF Certification Test Tool for other devices Ver.2.1.0" which includes updated test procedures and scenarios for residential solar power generation and storage batteries, has been released exclusively to members. (June 2024)</li> <li>5. ECHONET Lite Web API<br/>The member reviews of ECHONET Lite Web API Guidelines API specifications section Ver.1.1.7 Draft and device specifications section er.1.6.0 Draft were started (March 2024)</li> <li>6. Plug Fest<br/>We have sent out an invitation to members for the 31st Plug Fest to be held at the Kanagawa Institute of Technology HEMS Interoperability Test Center on September 5th and 6th (remote participation via VPN available). (May 2024)</li> <li>7. Matter ECHONET Lite Bridge Application Examples<br/>We have released to the public "Matter ECHONET Lite Bridge Application Examples 1st Edition," which outlines the interoperability between Matter devices and ECHONET Lite devices. (June 2024)</li> <li>8. CHAdEMO-ECHONET Lite Cooperation Guidelines<br/>We have released to the public "CHAdEMO-ECHONET Lite Cooperation Guidelines Ver.1.10" which describes the conversion and standardization guidelines for automotive battery-related properties between CHAdEMO and ECHONET Lite. (June 2024)</li> <li>9. Others <ul style="list-style-type: none"> <li>• Vice Chairman of the Technical Committee, Teramoto, gave a lecture on "Definition of data in ECHONET Lite and ECHONET Lite Web API" at the Service Cooperation Platform Study Group Policy and Promotion SWG.</li> </ul> </li> </ol> |
| Promotion Committee | <ol style="list-style-type: none"> <li>1. ECHONET Lite devices Shipment Quantity Survey Report<br/>We compiled the number of units shipped for FY2023 reported by our member companies and reported on our website that the cumulative number of units shipped by the end of FY2023 would reach approximately 150 million units. In addition to smart meters and air conditioners which have spread to almost all households, we also confirmed that many of the heat pump water heaters that are subject to the DRready system being implemented in collaboration with the Agency for Natural Resources and Energy are compatible with ECHONET Lite.</li> <li>2. Guidance for Service Linkage Using ECHONET Lite Web API<br/>Member review of "Guidance for Service Linkage Using ECHONET Lite Web API" formulated by the Data Linkage Method WG was finished and open to the public on our website. (This guidance is a document that describes how to connect multiple cloud services from different companies.)</li> <li>3. Service Cooperation Platform Study Group<br/>The "Service Cooperation Platform Study Group" which is jointly operated with JEITA has begun its activities for fiscal year 2024. This year, we will continue to focus on three public use cases - resilience, carbon neutrality, and healthcare - and advance the collaboration between the public IT infrastructure of the The Vision for a Digital Garden City Nation and smart homes. First, we will delve deeper into disaster prevention use cases and begin considering standardization of disaster prevention information.</li> <li>4. CEATEC2024 exhibition content consideration<br/>We have begun detailed consideration of the exhibit content for the 2024 CETEAC exhibition (October 15th to 18th at Makuhari Messe). Same as last year, we will be exhibiting in person in the Partners Park area of the venue this year as well as hosting an online seminar.</li> </ol>   |